The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/29/11

Cameron Merrill
Assistant District Attorney, Suffolk County

Dear ADA Merrill,

Enclosed is the information you requested in regards to Commonwealth vs. ███ Included are copies of the following:

1. Drug Analysis Laboratory Receipt.

2. Control Card with analytical results for sample # ███████

3. Analysis sheet with chemist's hand notations and test results.

4. GC/Mass Spectral analytical data for sample # ███████

GC/MS testing was performed by Peter Piro. All other analyses were performed by Kate Corbett. If you have any questions about these materials, please call me at the number below.

Sincerely,

Kate Corbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632

cc: PJP

BostonPolice DEPARTMENT

DRUG RECEIPT

CC # ██████████

BOOK # 19

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DESTRUCTION # _____

District/Unit __D 14 / K 101A__

Name & Rank of Arresting Officer __P.O. Michael Prihhint__   ID# __11350__

DEFENDANT'S NAME	ADDRESS	CITY	STATE
████████████████	████████████	Brighton	MA

			LAB USE ONLY	
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
MDMA (Ecstacy)	1 med rock ~8 in pb 2 loose rocks	16.92g	████████
marijuana green vegetable matter	large 1 1/8 loose buds	58.93g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer _____   ID# __9370__   11064

Received by _____   Date __5-11-11__

ECU Control # _____

BPD Form 0038-BIS-0907 (prev. 1753)

No. ▆▆▆▆▆▆▆ Date Analyzed: 11-4-11
City: Boston D.C.U. Police
Officer: P.O. SYBIL WHITE

Def: ▆▆▆▆▆▆▆▆▆
Amount: Subst: SUB
No. Cont: 9 Cont: pb

Date Rec'd: 05/18/2011 No. Analyzed: 1

Gross Wt: 16.920 Net Wt: 1.62g
                      #Tests: WKAC
                              2 P.P.ω
Prelim: MDMA Findings: 3,4-MDMA

DRUG POWDER ANALYSIS FORM

SAMPLE # ▓▓▓▓▓▓▓▓   AGENCY Boston   ANALYST KAC

No. of samples tested: 1   Evidence Wt. OK

PHYSICAL DESCRIPTION:

9 pbs containing a brown
rock-like substance
- 8 sm pbs + 1 lg pb
- empty prescription bottle also inside
evidence bag

Gross Wt (9): 3.7605g
Gross Wt (l): 1.8920g
Pkg. Wt: 0.2659g
Net Wt: 1.6261g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate ( ) —

Marquis   + purple → black

Froehde's   + green + purple → black

Mecke's   + green → dark green

Microcrystalline Tests

Gold
Chloride _____

TLTA ( ) _____

OTHER TESTS

GC = + for MDMA
Compared to MDMA std.

PRELIMINARY TEST RESULTS

RESULTS MDMA

DATE 10/18/11
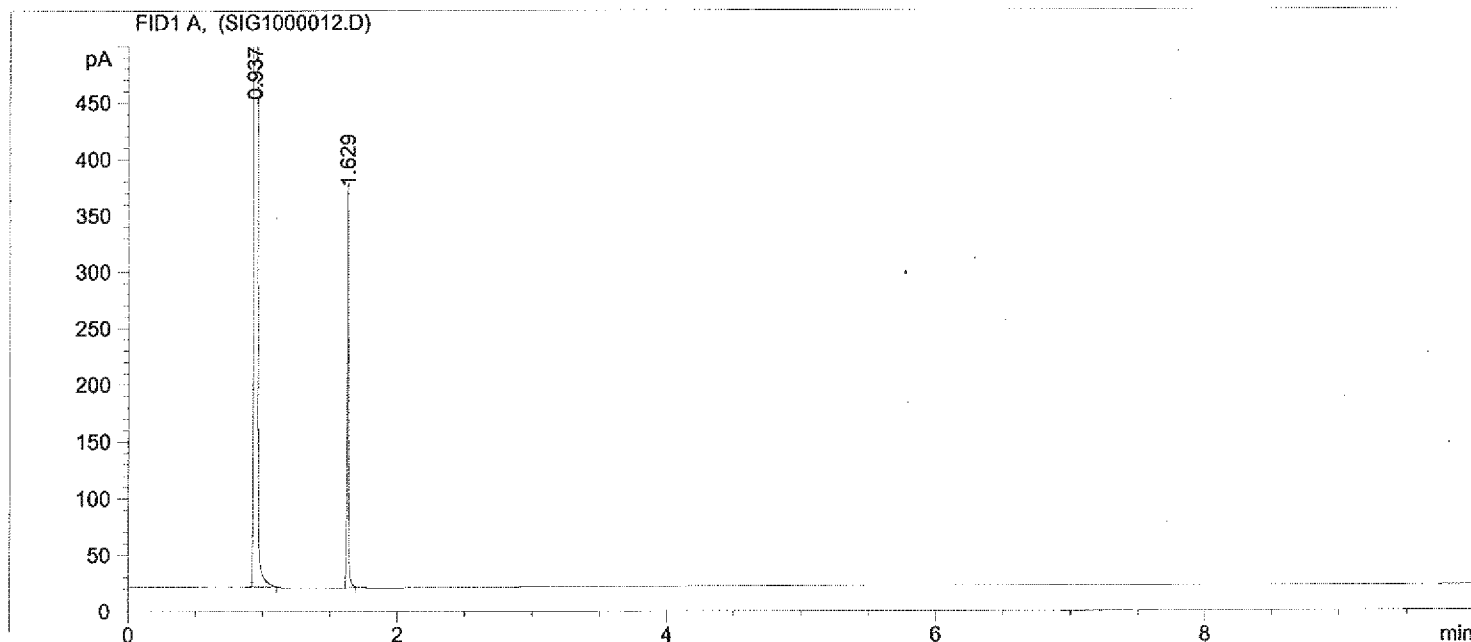
GC/MS CONFIRMATORY TEST

RESULTS 3,4 MDMA

MS OPERATOR P. Piro

DATE 11/4/11

Revised 7/2005

Data File C:\CHEM32\1\DATA\SIG1000012.D
Sample Name: 3,4-MDMA STD

===
    Acq. Operator   : ASD   Seq. Line :   12
    Acq. Instrument : DrugLab GC #2   Location : Vial 12
    Injection Date : 10/17/2011 5:13:16 PM   Inj :   1
                                               Inj Volume : 1 µl

    Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
    Method   : C:\CHEM32\1\METHODS\ROUTINE.M
    Last changed   : 7/28/2010 1:59:36 PM
===

===
                         Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   0.937 1 BB S 5.14893e4 5.42746e4 99.50384
  2   1.629 1 BB   256.74075 349.65933   0.49616

Totals :   5.17461e4 5.46243e4

===
                        *** End of Report ***

DrugLab GC #2 10/17/2011 5:23:16 PM ASD   Page   1 of 1

Corbett_email_PRR_012913

Data File C:\CHEM32\1\DATA\SIG1000014.D
Sample Name: 3,4-MDA STD

```
==========================================================================
  Acq. Operator    : ASD                        Seq. Line :   14
  Acq. Instrument  : DrugLab GC #2               Location : Vial 14
  Injection Date   : 10/17/2011 5:40:14 PM            Inj :    1
                                               Inj Volume : 1 µl
  Sequence File    : C:\CHEM32\1\SEQUENCE\DEFAULT.S
  Method           : C:\CHEM32\1\METHODS\ROUTINE.M
  Last changed     : 7/28/2010 1:59:36 PM
==========================================================================
```
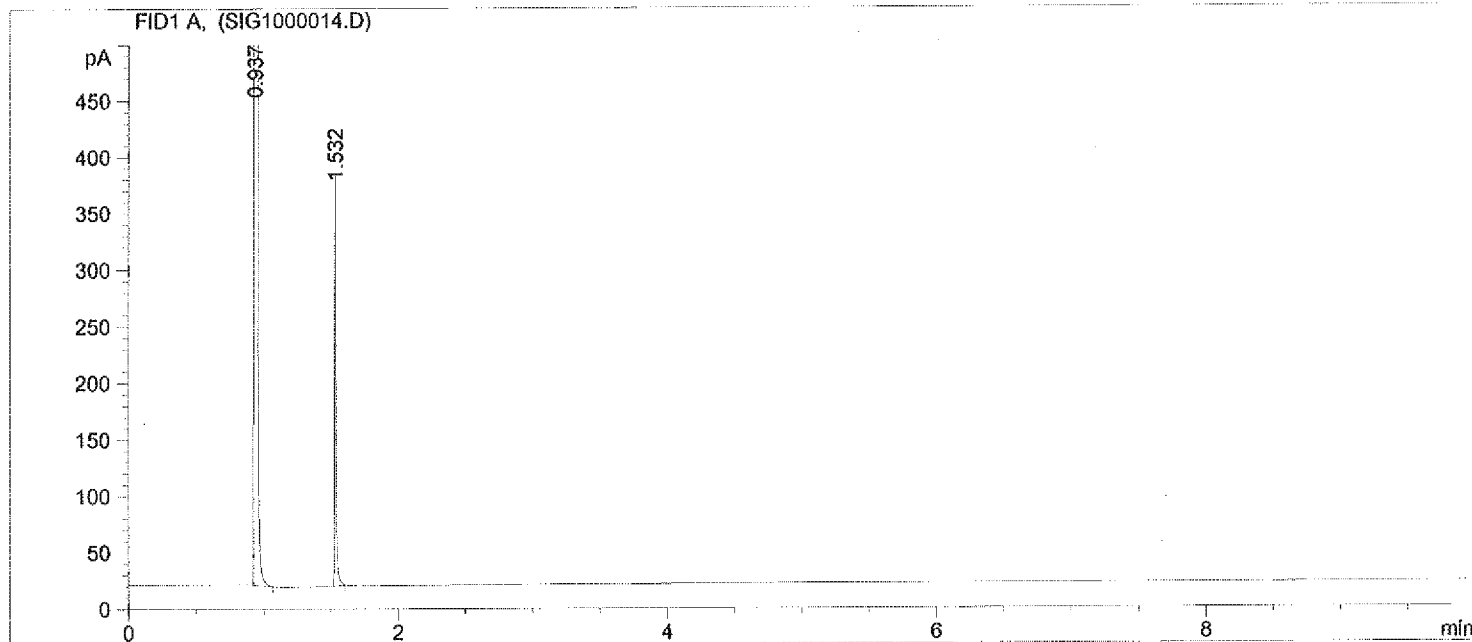


```
==========================================================================
                        Area Percent Report
==========================================================================

  Sorted By          :          Retention Time
  Multiplier:                    :       1.0000
  Dilution:                      :       1.0000
  Do not use Multiplier & Dilution Factor with ISTDs

  Signal 1: FID1 A,

  Peak RetTime Sig Type    Area       Height      Area
   #   [min]            [pA*s]        [pA]         %
  ----|-------|---|----|----------|----------|--------|
    1   0.937  1  BB S 5.01925e4   5.92404e4  99.47773
    2   1.532  1  BB    263.51468  353.21576   0.52227

  Totals :              5.04560e4   5.95936e4
```

```
==========================================================================
                        *** End of Report ***
==========================================================================
```

Data File C:\CHEM32\1\DATA\SIG1000016.D
Sample Name: BENZYLPIPERAZINE STD

==
Acq. Operator   : ASD   Seq. Line :   16
Acq. Instrument : DrugLab GC #2   Location : Vial 16
Injection Date : 10/17/2011 6:07:19 PM   Inj :   1
                                        Inj Volume : 1 µl
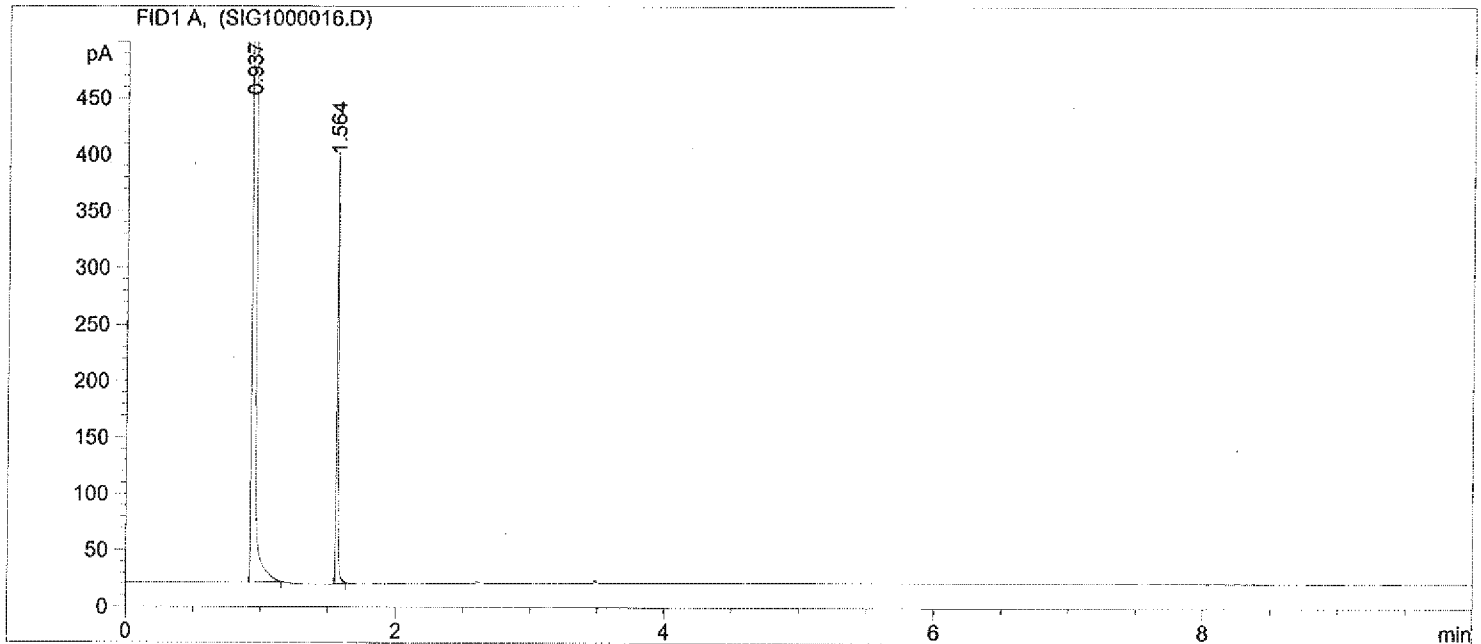
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed   : 7/28/2010 1:59:36 PM
==

==
                        Area Percent Report
==

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
 #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|----------|--------|
  1   0.937 1 BB S 5.07642e4 5.44670e4 99.38755
  2   1.564 1 BB   312.81879 375.02292 0.61245

Totals :   5.10770e4 5.48420e4

==
                        *** End of Report ***

DrugLab GC #2 10/17/2011 6:17:19 PM ASD   Page   1 of 1

Corbett_email_PRR_012915

Data File C:\CHEM32\1\DATA\SIG1000017.D
Sample Name: BLANK
==
Acq. Operator   : ASD   Seq. Line : 17
Acq. Instrument : DrugLab GC #2   Location : Vial 17
Injection Date : 10/17/2011 6:20:46 PM   Inj :   1
                                          Inj Volume : 1 μl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed   : 7/28/2010 1:59:36 PM
==
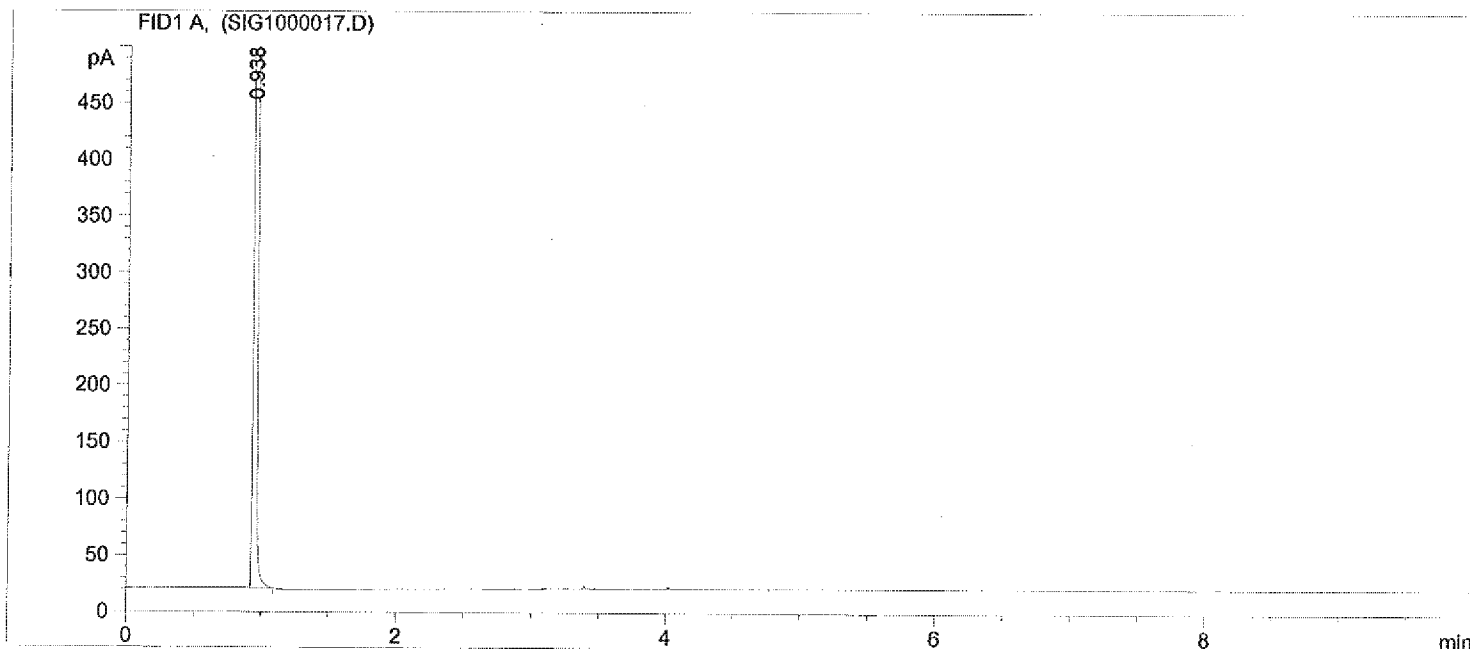
==
                        Area Percent Report
==

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
 #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|-----------|--------|
 1   0.938   1 BB S 5.41000e4   5.38033e4   1.000e2

Totals :   5.41000e4   5.38033e4

==
                      *** End of Report ***

DrugLab GC #2 10/17/2011 6:30:46 PM ASD   Page   1 of 1

Data File C:\CHEM32\1\DATA\SIG1000018.D
Sample Name: █████████

```
==================================================================
 Acq. Operator   : ASD                    Seq. Line :  18
 Acq. Instrument : DrugLab GC #2           Location  : Vial 18
 Injection Date  : 10/17/2011 6:34:17 PM       Inj :   1
                                          Inj Volume : 1 µl
 Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
 Method          : C:\CHEM32\1\METHODS\ROUTINE.M
 Last changed    : 7/28/2010 1:59:36 PM
==================================================================
```
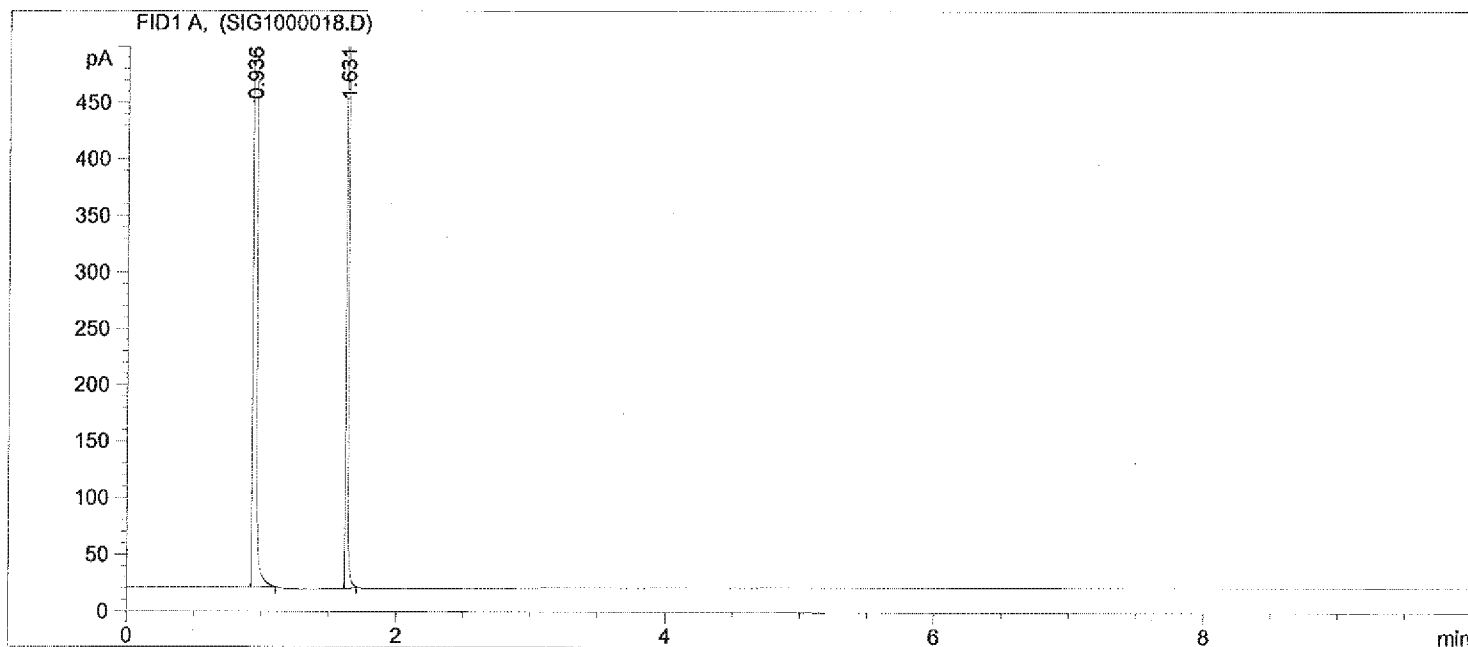


```
==================================================================
                       Area Percent Report
==================================================================

Sorted By            :         Retention Time
Multiplier:                    :       1.0000
Dilution:                      :       1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type     Area        Height      Area
  #   [min]               [pA*s]      [pA]        %
----|-------|---|----|----------|-----------|--------|
  1   0.936  1  BB S 4.76604e4   5.88879e4   97.65193
  2   1.631  1  BB   1146.00684  1491.31836   2.34807

Totals :             4.88064e4   6.03792e4
```

```
==================================================================
                      *** End of Report ***
==================================================================
```

DrugLab GC #2 10/17/2011 6:44:17 PM ASD   Page 1 of 1

Area Percent / Library Search Report

Information from Data File:
```
File Name       : C:\msdchem\1\data\SYSTEM6\11_03_11\806224.D
Operator        : KAC
Date Acquired   : 3 Nov 2011  15:32
Sample Name     : BLANK
Submitted by    :
Vial Number     : 1
AcquisitionMeth : MDMA.M
Integrator      : RTE
```
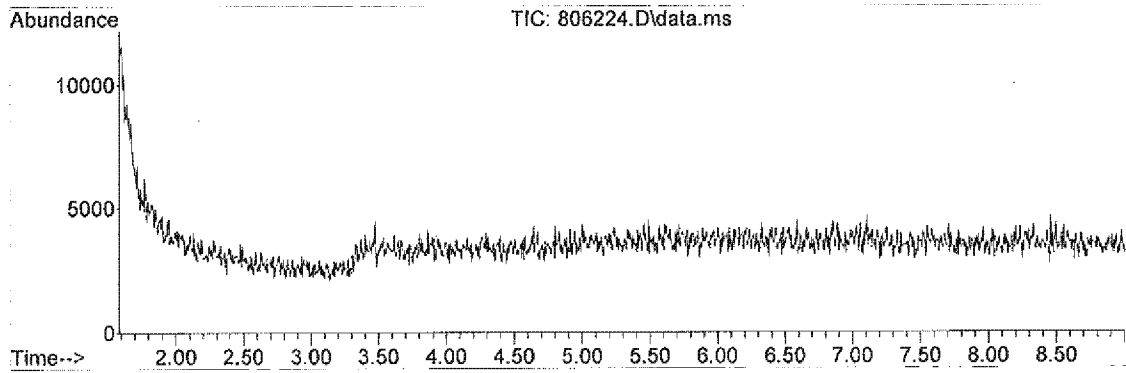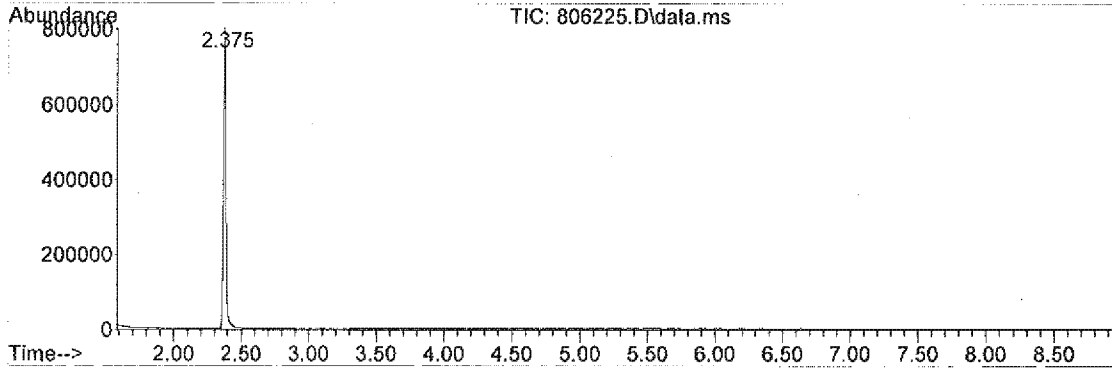

Abundance   TIC: 806224.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806225.D
Operator   : KAC
Date Acquired   : 3 Nov 2011 15:43
Sample Name   : 3,4-MDMA STD
Submitted by   :
Vial Number   : 25
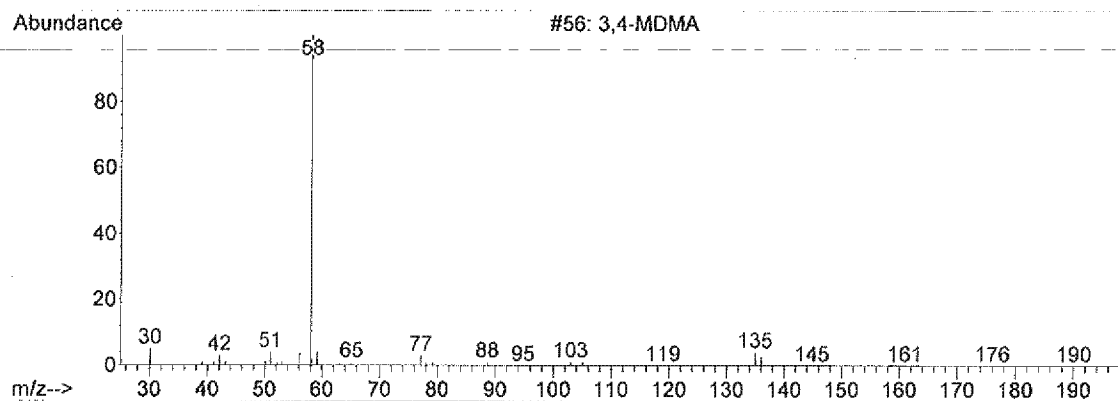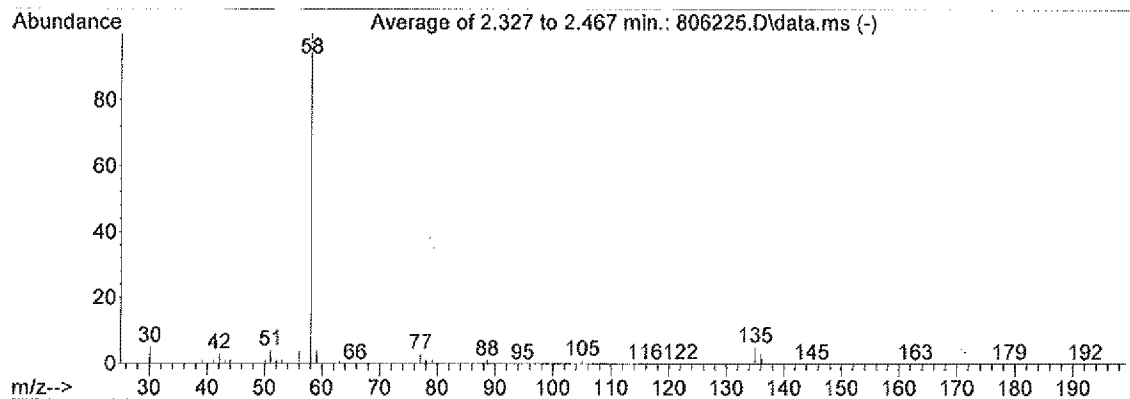AcquisitionMeth: MDMA.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
2.375	1045186	100.00	100.00

Area Percent / Library Search Report

Information from Data File:
```
File Name        : C:\msdchem\1\data\SYSTEM6\11_03_11\806225.D
Operator         : KAC
Date Acquired    :  3 Nov 2011  15:43
Sample Name      : 3,4-MDMA STD
Submitted by     :
Vial Number      :  25
AcquisitionMeth: MDMA.M
Integrator       : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.38	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	2
		ORPHENADRINE	000083-98-7	2

Abundance   Average of 2.327 to 2.467 min.: 806225.D\data.ms (-)

Abundance   #56: 3,4-MDMA

806225.D   Mon Nov 28 14:11:53 2011   Page   2

Corbett_email_PRR_012920

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806226.D
Operator   : KAC
Date Acquired : 3 Nov 2011 15:55
Sample Name   : BLANK
Submitted by : KAC
Vial Number   : 1
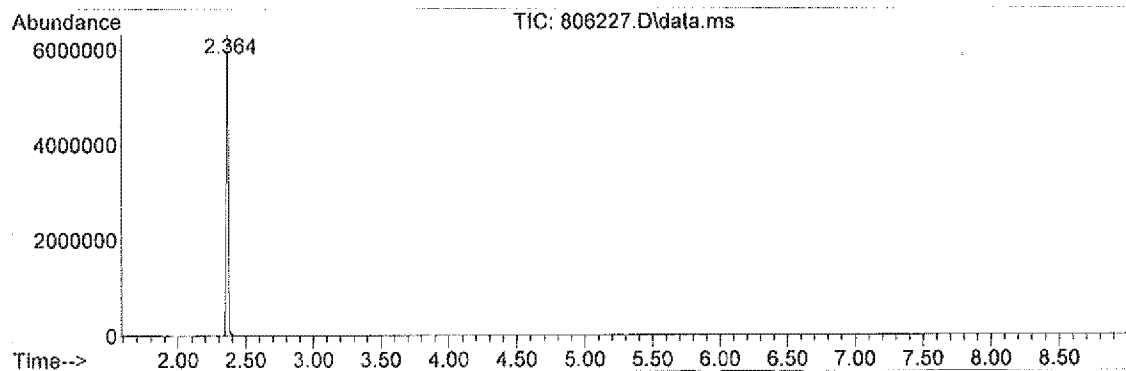AcquisitionMeth: MDMA.M
Integrator   : RTE
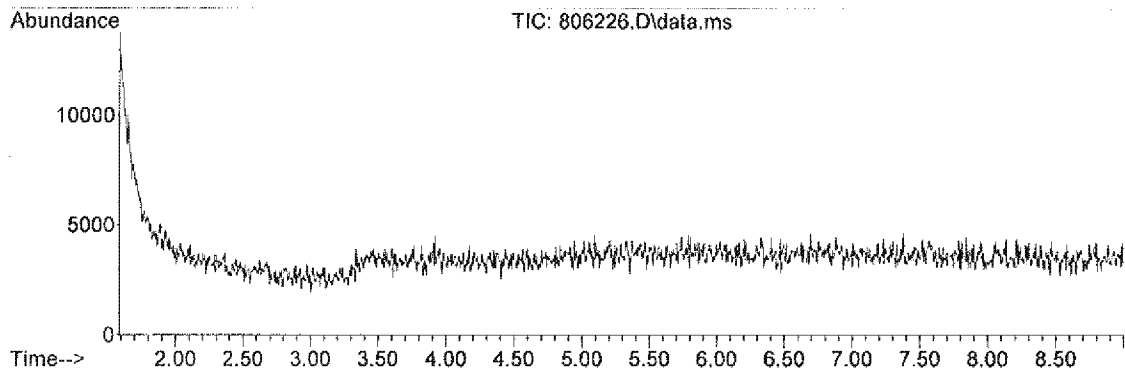
Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806227.D
Operator   : KAC
Date Acquired   : 3 Nov 2011 16:06
Sample Name   : ██████████
Submitted by   : KAC
Vial Number   : 27
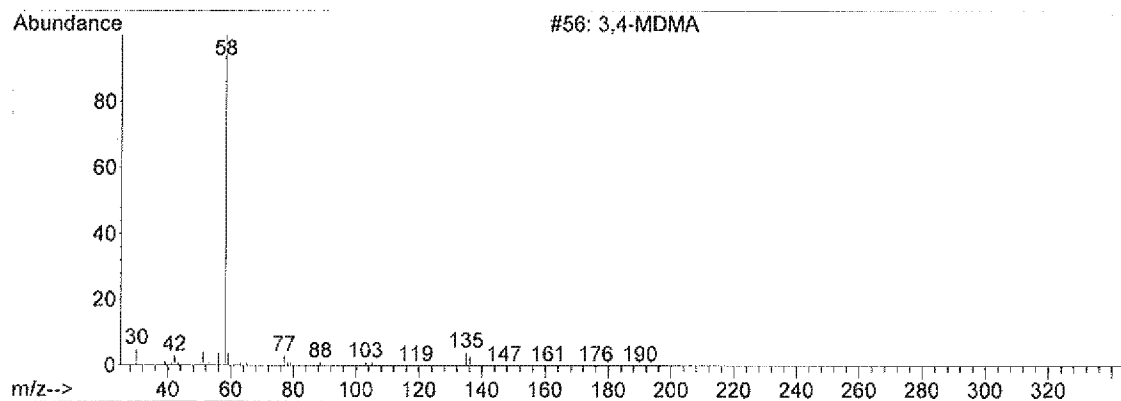AcquisitionMeth: MDMA.M
Integrator   : RTE

Abundance   TIC: 806227.D\data.ms
6000000   2.364

4000000

2000000

       0
Time-->   2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50

Ret. Time   Area   Area %   Ratio %

2.364   6930682   100.00   100.00

806227.D   Mon Nov 28 14:12:07 2011   Page   1

Area Percent / Library Search Report

Information from Data File:
```
File Name        : C:\msdchem\1\data\SYSTEM6\11_03_11\806227.D
Operator         : KAC
Date Acquired    : 3 Nov 2011  16:06
Sample Name      : ▮▮▮▮▮▮▮▮
Submitted by     : KAC
Vial Number      : 27
AcquisitionMeth: MDMA.M
Integrator       : RTE
```
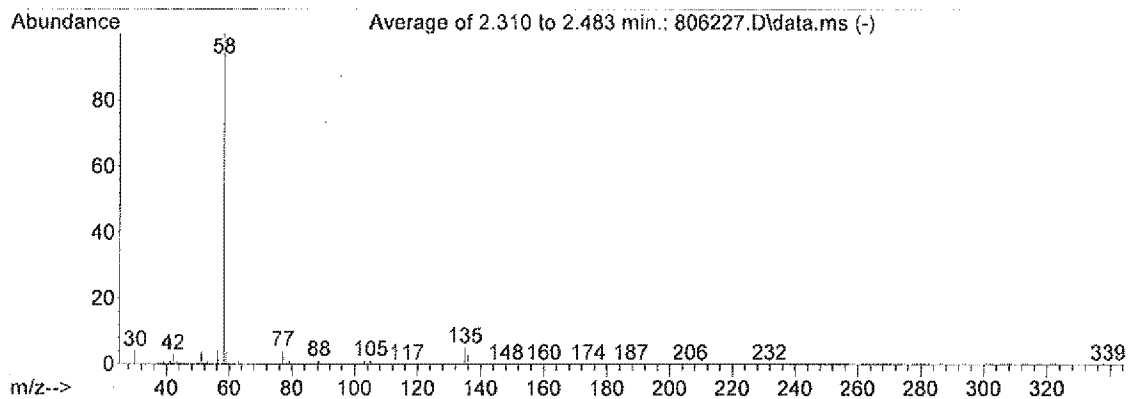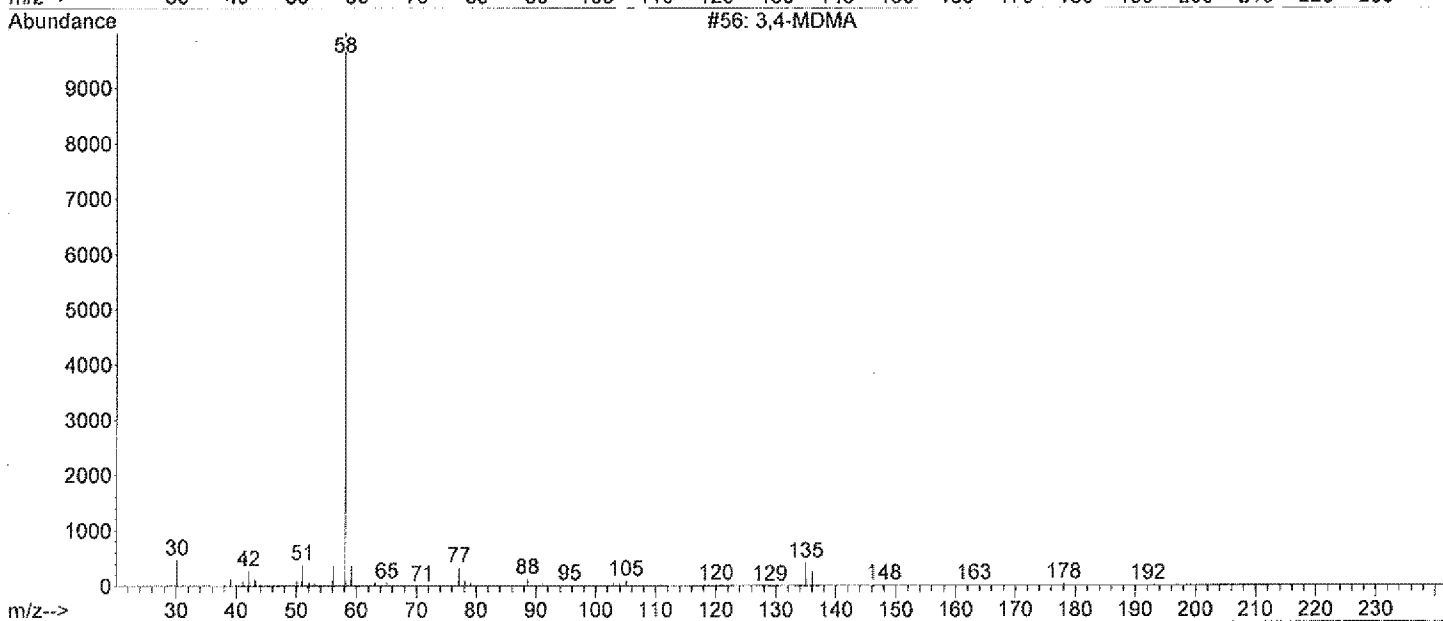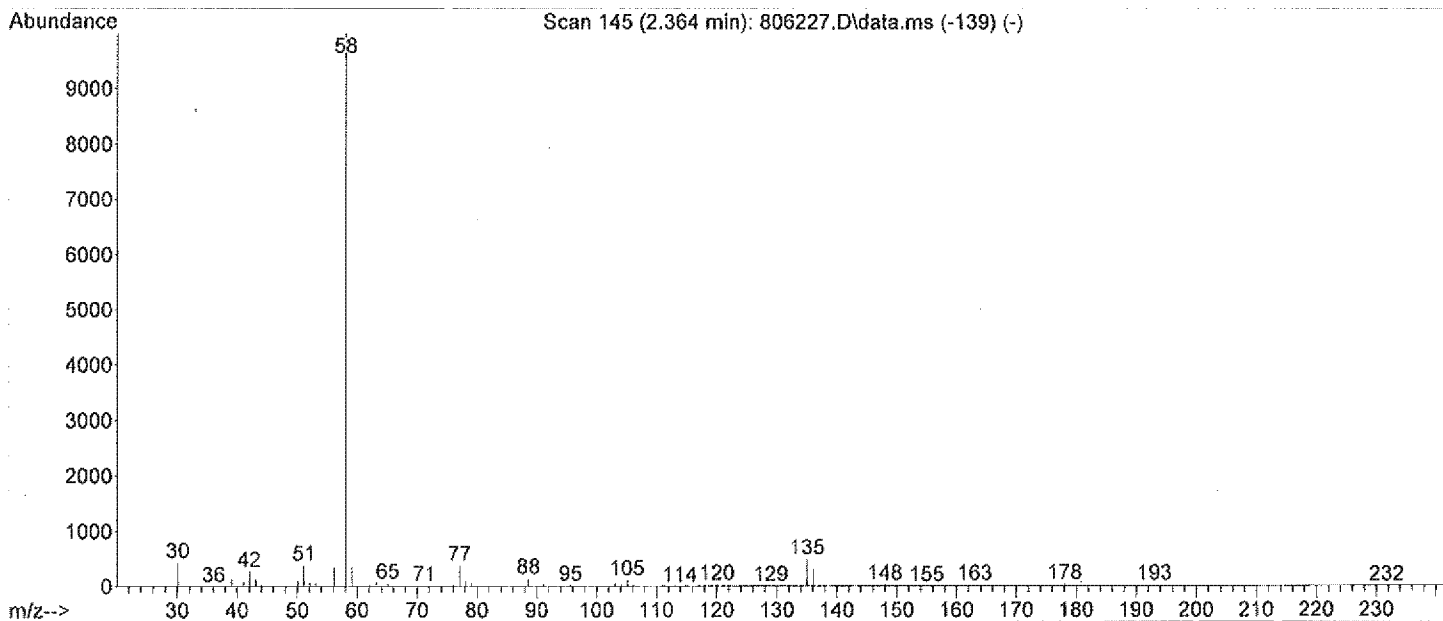
Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                   C:\Database\NIST08.L   Minimum Quality: 80
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.36	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	4
		DILTIAZEM	033286-22-5	2

Abundance   Average of 2.310 to 2.483 min.: 806227.D\data.ms (-)

58

30 42 77 88 105 117 135 148 160 174 187 206 232   339

m/z-->

Abundance   #56: 3,4-MDMA

58

30 42 77 88 103 119 135 147 161 176 190

m/z-->

Abundance

Scan 145 (2.364 min): 806227.D\data.ms (-139) (-)

9000

8000

7000

6000

5000

4000

3000

2000

1000

0

58

30 36 42 51 65 71 77 88 95 105 114 120 129 135 148 155 163 178 193 232

m/z-->   30   40   50   60   70   80   90   100 110 120 130 140 150 160 170 180 190 200 210 220 230

Abundance

#56: 3,4-MDMA

9000

8000

7000

6000

5000

4000

3000

2000

1000

0

58

30 42 51 65 71 77 88 95 105 120 129 135 148 163 178 192

m/z-->   30   40   50   60   70   80   90   100 110 120 130 140 150 160 170 180 190 200 210 220 230

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806229.D
Operator   : KAC
Date Acquired : 3 Nov 2011 16:30
Sample Name   : BLANK
Submitted by   :
Vial Number   : 1
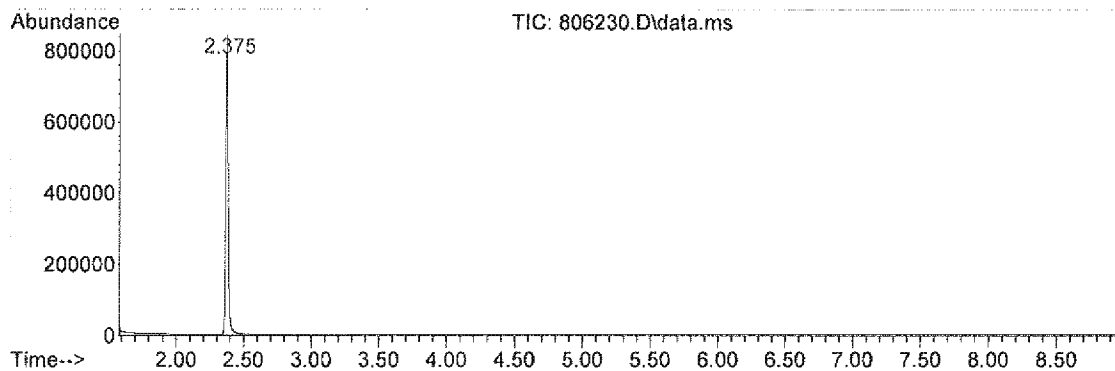AcquisitionMeth: MDMA.M
Integrator   : RTE
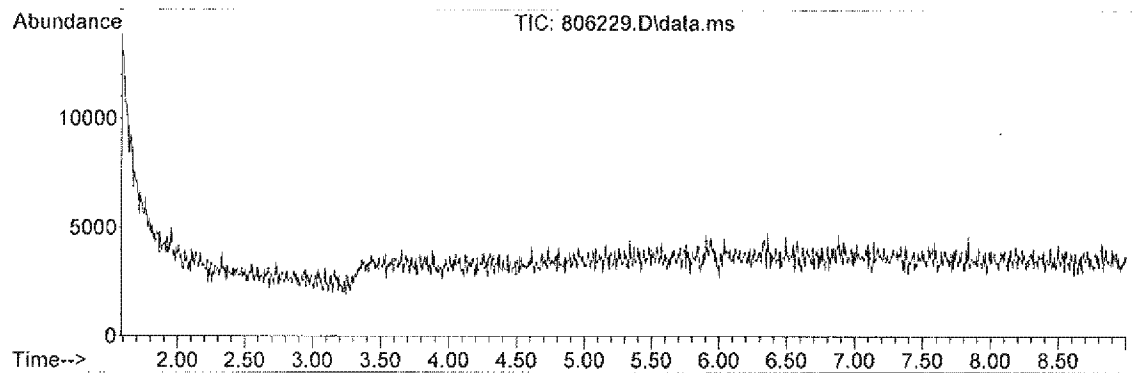
Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806230.D
Operator   : KAC
Date Acquired : 3 Nov 2011 16:41
Sample Name   : 3,4-MDMA STD
Submitted by   :
Vial Number   : 25
AcquisitionMeth: MDMA.M
Integrator   : RTE

TIC: 806230.D\data.ms

Ret. Time	Area	Area %	Ratio %
2.375	1043967	100.00	100.00

Information from Data File:
File Name   : C:\msdchem\1\data\SYSTEM6\11_03_11\806230.D
Operator   : KAC
Date Acquired : 3 Nov 2011 16:41
Sample Name   : 3,4-MDMA STD
Submitted by   :
Vial Number   : 25
AcquisitionMeth: MDMA.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 80
                    C:\Database\NIST08.L   Minimum Quality: 80
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.37	C:\Database\SLI.L		
		3,4-MDMA	042542-10-9	90
		MEPHEDRONE	1189805-46-6	4
		ORPHENADRINE	000083-98-7	2

Abundance   Average of 2.337 to 2.499 min.: 806230.D\data.ms (-)

Abundance   #56: 3,4-MDMA